

**SOUTHERN ILLINOIS UNIVERSITY,  
CARBONDALE (GEOGRAPHY  
DEPARTMENT)**

## GEOG 436 - ENVIRONMENTAL DISASTER PLANNING

Spring 1995 M, W, F 3:00-3:50 p.m., Faner 2522

Instructor: Dr. Ben Dziegielewski (Read: Jen-ghie-lef-ski)  
Office: Faner 4531, Office Hours: MW: 11:00 am-1:00 pm  
F: 1:00-3:00 pm

**COURSE OBJECTIVE:** The major goal of this course is to provide the students with the skills and perspectives needed to assess and develop plans to deal effectively with the complexities of natural and man-made disasters.

GRADING:	Homework Assignments	15%
	Disaster Event Presentation	15%
	Test (Midterm)	25%
	Final Exam (Comprehensive)	30%
	Disaster Plan Evaluation	<u>15%</u>
	TOTAL	100%

GRADING POLICY:	90 – 100	A
	80 – 89	B
	70 – 79	C
	60 – 69	D
	Below 60	F

### CLASS SCHEDULE AND TOPICAL OUTLINE (TENTATIVE)

Jan. 18	W	Course outline, schedule of class presentations
	F	Needs for Disaster Planning
Jan. 23	M	Societal Perception, Impact and Response
	W	Risk Management
	F	Noneconomic Impacts and Damages
Jan. 30	M	Economics of Environmental Disasters
	W	Economic Impacts/Losses/Damages
	F	Measurement of Disaster Impacts
Feb. 6	M	Disaster Planning Framework
	W	Hazard and Risk Assessment
	F	Floods
Feb. 13	M	Hazard and Risk Assessment, cont.
	W	Disaster Preparedness
	F	Earthquakes

Feb. 20	M	Hazard Mitigation
	W	Hazard Mitigation, cont.
	F	Tropical cyclones
Feb. 27	M	Hazard Prediction
	W	Hazard Prediction, cont.
	F	Tornadoes
Mar. 6	M	Emergency Response
	W	MIDTERM TEST
	F	Nuclear Accidents
Mar. 13	M	
	W	SPRING BREAK
	F	
Mar. 20	M	Recovery and Redevelopment
	W	Recovery and Redevelopment, cont.
	F	Hazardous Chemical Spills
Mar. 27	M	Development of a Disaster Plan
	W	Lessons Learned from Emergency Events
	F	Droughts
Apr. 3	M	Public Education/Information Programs
	W	Public Education, cont.
	F	Global Warming
Apr. 10	M	Public Education, cont.
	W	Public Education, cont.
	F	Acid Rain
Apr. 17	M	Preparation of a Written Plan
	W	Preparation of a Written Plan, cont.
	F	Ecological Disasters
Apr. 24	M	Review of Existing Plans
	W	Review of Existing Plans, cont.
	F	Ecological Disasters
May 1	M	Federal Disaster Legislation and Agencies
	W	Policy Outlook/Research Needs
	F	Ecological Disasters
May 8	M	_____
	W	FINALS
	F	_____